



Special Recognition

July 18, 2012

DOE Market Introduction Workshop

Special Recognition Overview

- Every year the U.S. Department of Energy (DOE) acknowledges a select group of LED Lighting Facts partners for their efforts to assure and improve the quality of LED lighting products with the Special Recognition.
- This year retailers, Lighting Pros and EE Sponsor Partners were given the opportunity to apply for this honor.
- Recipients are featured on LED Lighting Facts website (www.lightingfacts.com) and receive a widget for company websites



Special Recognition Recipients



**NEVER STOP
IMPROVING™**



Northeast Energy Efficiency Partnerships

The logo for Efficiency Vermont features a green silhouette of a mountain range in the background.

Efficiency Vermont

GRAINGER®
FOR THE ONES WHO GET IT DONE



GRAINGER®

FOR THE ONES WHO GET IT DONE





SSL & Lighting Facts

THD is committed to delivering high quality SSL products at an affordable price

Keys to Success

- Conduct extensive quality tests on all new LED products
- Mandate participation in Lighting Facts program
- Continuously train associates on SSL technology and Lighting Facts program
- Maintain strong partnership with DOE, Energy Star and utility companies



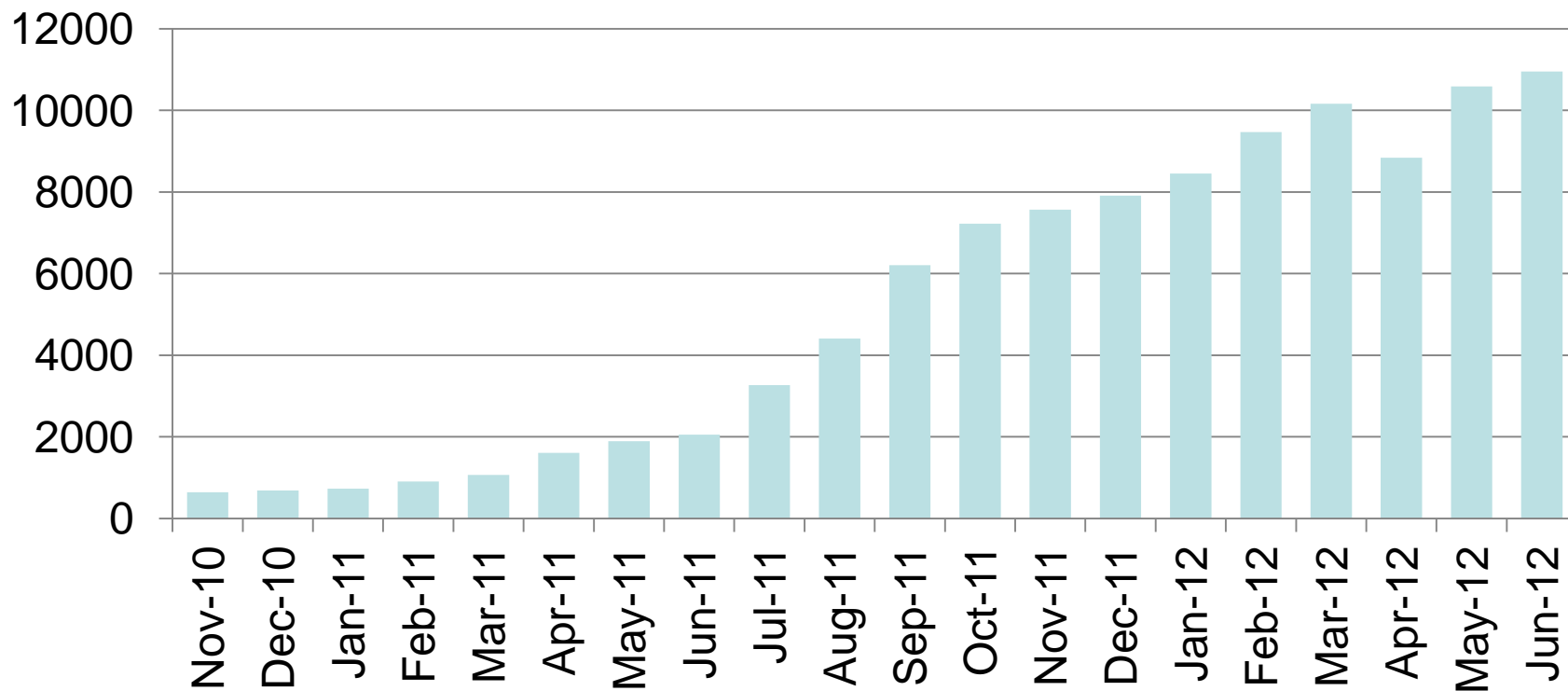


U.S. DOE LED Lighting Facts Special Recognition Award

July 18, 2012

OUR RESOURCES

- Qualified Products List (QPL) of Commercial LED luminaires
- Technical Specifications for 19 Product Application Categories



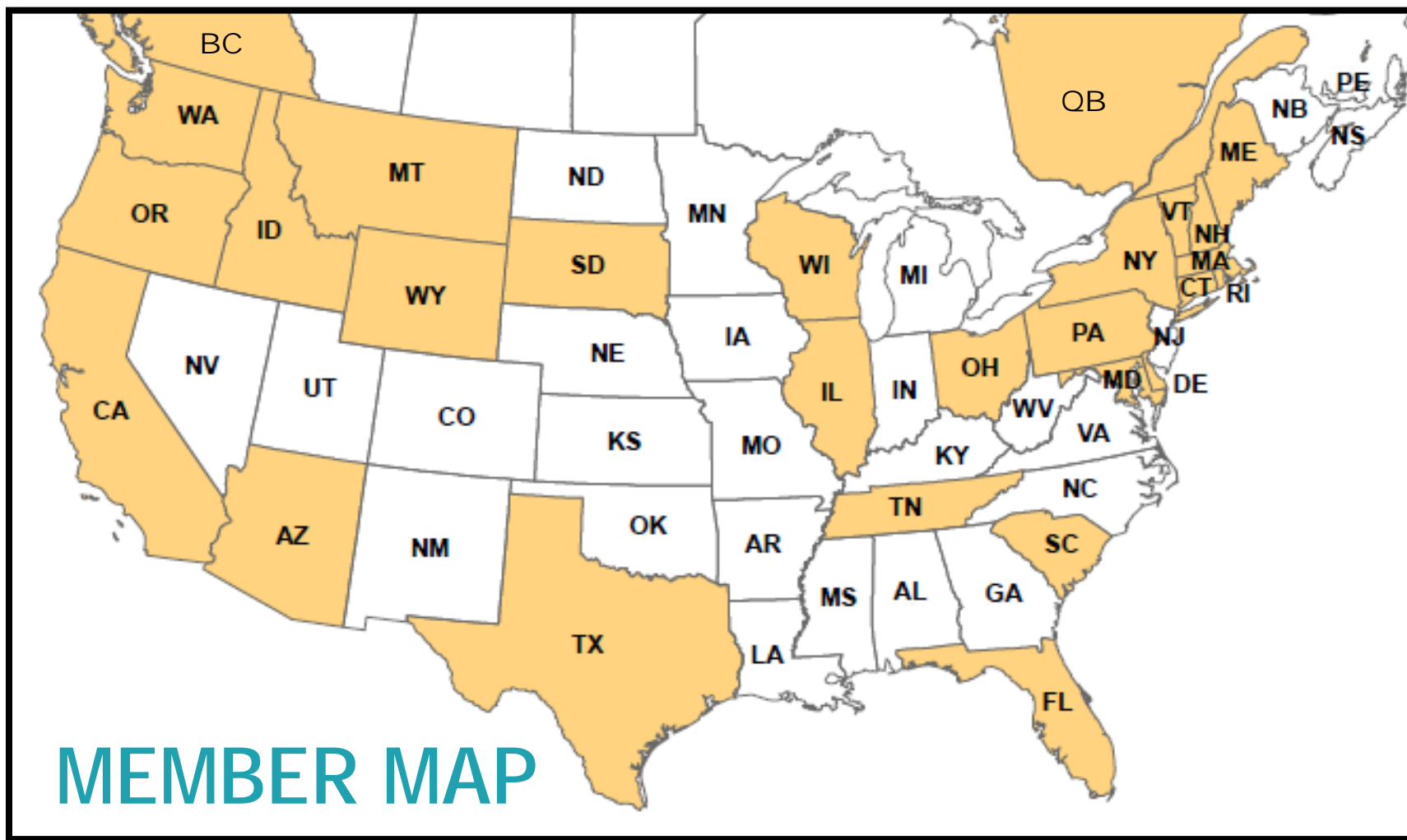
LED

DESIGNLIGHTS

CONSORTIUM

OUR MEMBERS





DLC AND LED LIGHTING FACTS

- DLC works closely with LED Lighting Facts
 - Driving manufacturers to list products on LED Lighting Facts
- Manufacturers submitting products for listing on LED Lighting Facts are the same who apply for qualification to DLC
- Planned QPL accessibility improvement
 - Preferred model is Lighting Facts' product search tool

LED Lighting Facts® Products Search Tool

Show only fixture type: (All Fixture Types) ▾

Show only QA Verified products: ☐ Only products which have been verified through Quality Assurance Testing to match the manufacturer's original performance claims will be displayed.

Light Output between 0 and 36000 lm

Watts between 0 and 500 W

Lumens per Watt between 0 and 200 lm/W

Color Accuracy (CRI) between 0 and 100 (CRI)

Light Color (CCT) between 0 and 9900 K

5374

Products Match Your Criteria

Search Within Your Criteria:

NEW TO DLC

- Use of Lighting Facts in the Application Process
- DLC now requires manufacturers to submit products to LED Lighting Facts as the first step in DLC application process
- DLC harvests LM-79 data manufacturers' Lighting Facts submissions



THANK YOU!

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LED Lighting Facts & Efficiency Vermont

Dan Mellinger, PE, LC
Lighting Strategy Manager

DOE SSL Market Introduction Workshop
Pittsburgh, July 18-19

Efficiency Vermont Background

- Efficiency Vermont is a **state-wide energy efficiency utility** that encourages the adoption of energy efficient products and practices.
- Efficiency Vermont is administered by **Vermont Energy Investment Corporation (VEIC)**, an independent nonprofit energy services organization.
- Current Efficiency Vermont *electric* funding totals **\$37M per year**.

Performance Verification

- Product database is used by **engineering** and **rebate processing** teams for **performance verification**.
 - LED Lighting Facts offers an easily searchable database enabling a higher level of confidence in data accuracy



LED Lighting Facts® Products Search Tool

Show only fixture type:

Show only QA Verified products: ☐ Only products which have been verified through Quality Assurance Testing to match the manufacturer's original performance claims will be displayed.

Light Output between 1000 and 36000 lm

Watts between 0 and 500 W

Lumens per Watt between 60 and 200 lm/W

Color Accuracy (CRI) between 50 and 100 (CRI)

Light Color (CCT) between 0 and 5700 K

LABEL METRICS	
Light Output:	11183 lumens
Watts:	147.4 W
Lumens Per Watt:	75.9 lm/W
Color Accuracy (CRI):	72
Light Color:	5648 K

Product Qualification

- Efficient Vermont uses the LED Lighting Facts EE Program Tool as a **product qualification tier**.

Lighting Facts® Energy Efficiency Programs				
Welcome to the Lighting Facts Energy Efficiency Programs list. Below is a list of incentive programs for LED products across the country. Click on the link below the <i>Programs</i> header for detailed program information. You will also be directed to the sponsoring organization's web site by clicking on any link under the <i>Sponsoring Organization</i> header.				
Show programs in your state: <input type="text" value="Vermont"/>				
Sponsoring Organization	States	Program	Start Date	End Date
Efficiency Vermont	VT	1'x4' RECESSED Panel Fixtures	1/1/2012	12/31/2012
Efficiency Vermont	VT	HIGH- & LOW-BAY Fixtures	1/1/2012	12/31/2012
Efficiency Vermont	VT	Outdoor PARKING or ROADWAY Fixtures	1/1/2012	12/31/2012
Efficiency Vermont	VT	Outdoor RECESSED Panel Fixtures		
Efficiency Vermont	VT	PARABOLIC Floodlights		
Efficiency Vermont	VT	Outdoor Floodlights		
Efficiency Vermont	VT	Barnyard Floodlights		



PREMIUM Tier LED Products

- ENERGY STAR® qualified, or
- DesignLights™ Consortium (DLC) approved

Premium tier LED products are eligible for a **25% Premium** over standard rebates, as shown below.

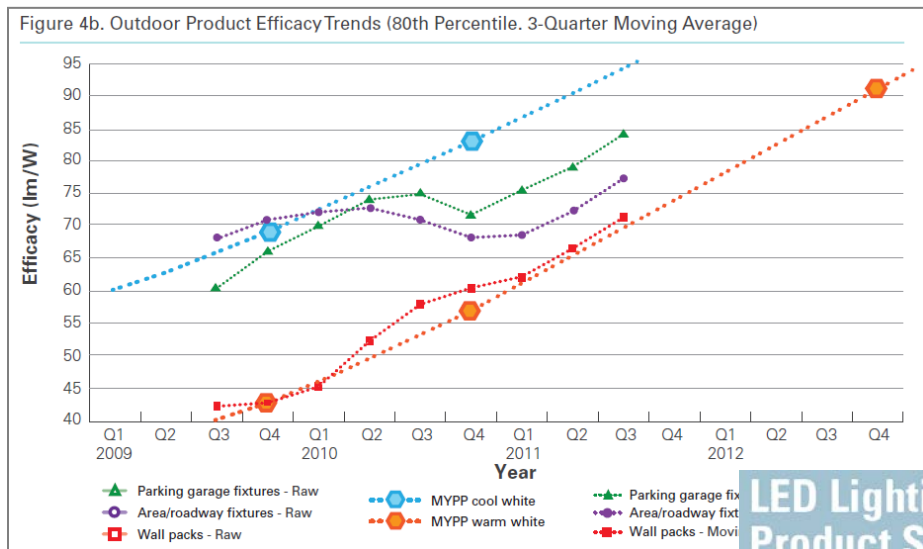
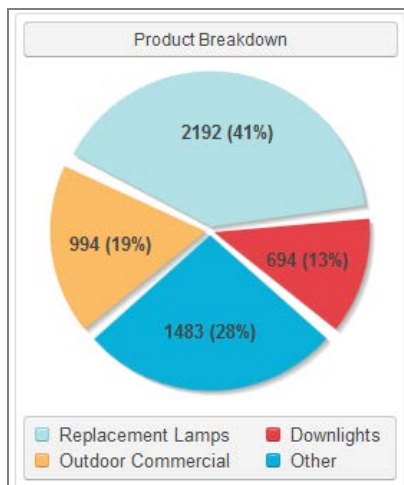
STANDARD Tier LED Products

- Lighting Facts® registered products that meet the criteria shown in the Photometric Performance Requirements Table on page 4.

Standard tier LED products are eligible for the standard rebates shown below.

Planning & Forecasting

- Database is **mined** for **market research** & trend information when developing program **plans & goals**.



ModelNum	Lumens	Watt	Efficacy	CRI	CCT	ProductType
ALSP38 1200	1252	18	69.57	84	2800	Replacement Lamp - Directional (R38)
LED R 10 LED	6100	92	66	70	4900	Outdoor area/roadway fixture
2TL233LRWA	3196	37.1	86.1	81	3500	Surface-mounted or recessed troffers
6BP	620	8.9	70	86	3154	Recessed downlight
AS1 LED 1 4	4681	59	79	66	3982	Outdoor area/roadway fixture
AS1 LED 1 4	4626	59	78	66	3979	Outdoor area/roadway fixture
AS1 LED 1 4	4832	59	82	66	3978	Outdoor area/roadway fixture

LED Lighting Facts
Product Snapshot:
LED Luminaires

- Contact Information:

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Please Join Us As We Congratulate the
2012 Special Recognition Recipients!

NEW Program Enhancements

- LED Lighting Facts is implementing new Quality Assurance program and List Integrity policies
 - Product List will represent products available in the market today
 - Listed performance claims will reflect verified performance values
- New enhancements will benefit:
 - **Buyers/Specifiers:** Additional level of confidence in the performance data will benefit the product evaluation process
 - **EE Sponsor Partners:** Verified data and Product List functionality will enhance program development
 - **Manufacturers:** Greater differentiation and promotion of products
- New fees and requirements
- Fall 2012